

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-K/A**  
(Amendment No. 1)

**CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): September 14, 2005

**Applied Materials, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction  
of incorporation)

**0-6920**  
(Commission File Number)

**94-165526**  
(IRS Employer  
Identification No.)

**3050 Bowers Avenue**  
**P.O. Box 58039**  
**Santa Clara, CA**  
(Address of principal executive offices)

**95052-8039**  
(Zip Code)

**Registrant's telephone number, including area code: (408) 727-5555**

**N/A**  
(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

---

**Item 5.02 Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers.**

Applied Materials, Inc. ("Applied") previously reported on a Form 8-K dated September 15, 2005 that its Board of Directors (the "Board") had appointed Thomas J. Iannotti and Charles Y.S. Liu to serve as members of the Board. The purpose of this amendment is to report that on December 14, 2005, Applied's Board appointed Mr. Iannotti to serve on the Human Resources and Compensation Committee and the Corporate Governance and Nominating Committee, and Mr. Liu to serve on the Audit Committee and the Strategy Committee, effective immediately.

**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Applied Materials, Inc.  
(Registrant)

Dated: December 16, 2005

By: /s/ Joseph J. Sweeney

---

Joseph J. Sweeney  
*Senior Vice President,  
General Counsel and Corporate Secretary*